

# Refine Search

## Search Results -

Terms	Documents
L5 and L1	27

Database:

US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

Search:

L6

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## Search History

DATE: Wednesday, July 27, 2005   [Printable Copy](#)   [Create Case](#)

### Set Name Query

side by side

### Hit Count Set Name

result set

*DB=PGPB,USPT; PLUR=YES; OP=OR*

<u>L6</u>	L5 and l1	27	<u>L6</u>
<u>L5</u>	L4 and (recombinant DNA construct)	91356	<u>L5</u>
<u>L4</u>	L3 and (DNA encoding)	92889	<u>L4</u>
<u>L3</u>	L2 and (beta vulgaris)	177554	<u>L3</u>
<u>L2</u>	sugar transport protein	673406	<u>L2</u>
<u>L1</u>	Helentjaris.in.	30	<u>L1</u>

END OF SEARCH HISTORY

Connecting via Winsock to STN

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TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	4	FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	5	MAR 02	GBFULL: New full-text patent database on STN
NEWS	6	MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	9	MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	10	MAR 22	PATDPASPC - New patent database available
NEWS	11	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	12	APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	13	APR 04	EMBASE - Database reloaded and enhanced
NEWS	14	APR 18	New CAS Information Use Policies available online
NEWS	15	APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAPLUS and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	16	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAPLUS
NEWS	17	MAY 23	GBFULL enhanced with patent drawing images
NEWS	18	MAY 23	REGISTRY has been enhanced with source information from CHEMCATS
NEWS	19	JUN 06	The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
NEWS	20	JUN 13	RUSSIAPAT: New full-text patent database on STN
NEWS	21	JUN 13	FRFULL enhanced with patent drawing images
NEWS	22	JUN 27	MARPAT displays enhanced with expanded G-group definitions and text labels
NEWS	23	JUL 01	MEDICONF removed from STN
NEWS	24	JUL 07	STN Patent Forums to be held in July 2005
NEWS	25	JUL 13	SCISEARCH reloaded
NEWS	26	JUL 20	Powerful new interactive analysis and visualization software, STN AnaVist, now available
NEWS EXPRESS		JUNE 13	CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
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NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

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\* \* \* \* \* STN Columbus \* \* \* \* \*

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\*ENCOMPLIT2 - EnCompass Literature File 1964-Present (Non-Supporters)

\* The files listed above are temporarily unavailable.

FILE 'HOME' ENTERED AT 18:05:37 ON 27 JUL 2005

=> file medline, uspatful, dgene, embase, wpids, fsta, jicst, biosis, biotechds		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 18:06:12 ON 27 JUL 2005

FILE 'USPATFULL' ENTERED AT 18:06:12 ON 27 JUL 2005  
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=> s beta vulgaris  
4 FILES SEARCHED...  
L1 10169 BETA VULGARIS

=> s arabidopsis thaliana  
L2 175065 ARABIDOPSIS THALIANA

=> s l1 and l2  
L3 556 L1 AND L2

=> s l3 and (sugar transport protein)  
2 FILES SEARCHED...  
7 FILES SEARCHED...

L4 67 L3 AND (SUGAR TRANSPORT PROTEIN)

=> s 14 and (DNA encoding)

3 FILES SEARCHED...

7 FILES SEARCHED...

L5 2 L4 AND (DNA ENCODING)

=> d 15 ti abs ibib tot

L5 ANSWER 1 OF 2 USPATFULL on STN

TI Novel human polynucleotides and polypeptides encoded thereby

AB The present invention provides ORFX, a novel isolated polypeptide, as well as a polynucleotide encoding ORFX and antibodies that immunospecifically bind to ORFX or any derivative, variant, mutant, or fragment of the ORFX polypeptide, polynucleotide or antibody. The invention additionally provides methods in which the ORFX polypeptide, polynucleotide and antibody are used in detection and treatment of a broad range of pathological states, as well as to others uses.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:12955 USPATFULL

TITLE: Novel human polynucleotides and polypeptides encoded thereby

INVENTOR(S): Leach, Martin D., Madison, CT, UNITED STATES

Shimkets, Richard A., Guilford, CT, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004009474	A1	20040115
APPLICATION INFO.:	US 2001-864408	A1	20010524 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-206690P	20000524 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Ivor R. Elrifi, Esq., MIntz, Levin, Cohn, Ferris,, Glovsky and Popeo, P.C., One Financial Center, Boston, MA, 02111	
NUMBER OF CLAIMS:	32	
EXEMPLARY CLAIM:	1	
LINE COUNT:	21366	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 2 USPATFULL on STN

TI Novel Polynucleotides

AB Novel polynucleotides derived from microorganisms belonging to coryneform bacteria and fragments thereof, polypeptides encoded by the polynucleotides and fragments thereof, polynucleotide arrays comprising the polynucleotides and fragments thereof, recording media in which the nucleotide sequences of the polynucleotide and fragments thereof have been recorded which are readable in a computer, and use of them.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:343879 USPATFULL

TITLE: Novel Polynucleotides

INVENTOR(S): Nakagawa, Satoshi, Tokyo, JAPAN  
Mizoguchi, Hiroshi, Tokyo, JAPAN  
Ando, Seiko, Tokyo, JAPAN  
Hayashi, Mikiro, Tokyo, JAPAN  
Ochiai, Keiko, Tokyo, JAPAN  
Yokoi, Haruhiko, Tokyo, JAPAN  
Tateishi, Naoko, Tokyo, JAPAN

Senoh, Akihiro, Tokyo, JAPAN  
Ikeda, Masato, Tokyo, JAPAN  
Ozaki, Akio, Hofu-shi, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002197605	A1	20021226
APPLICATION INFO.:	US 2000-738626	A1	20001218 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1999-377484	19991216
	JP 2000-159162	20000407
	JP 2000-280988	20000803
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	NIXON & VANDERHYE P.C., 8th Floor, 1100 North Glebe Road, Arlington, VA, 22201	
NUMBER OF CLAIMS:	68	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	13673	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

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(FILE 'HOME' ENTERED AT 18:05:37 ON 27 JUL 2005)

FILE 'MEDLINE, USPATFULL, DGENE, EMBASE, WPIDS, FSTA, JICST-EPLUS, BIOSIS, BIOTECHDS' ENTERED AT 18:06:12 ON 27 JUL 2005

L1 10169 S BETA VULGARIS  
L2 175065 S ARABIDOPSIS THALIANA  
L3 556 S L1 AND L2  
L4 67 S L3 AND (SUGAR TRANSPORT PROTEIN)  
L5 2 S L4 AND (DNA ENCODING)

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## Search Results - Record(s) 1 through 10 of 27 returned.

### ☐ 1. Document ID: US 20050155108 A1

L6: Entry 1 of 27

File: PGPB

Jul 14, 2005

PGPUB-DOCUMENT-NUMBER: 20050155108

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050155108 A1

TITLE: Maize cellulose synthases and uses thereof

PUBLICATION-DATE: July 14, 2005

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dhugga, Kanwarpal S.	Johnston	IA	US	
Wang, Haiyin	Johnston	IA	US	
Tomes, Dwight	Van Meter	IA	US	
<u>Helentjaris</u> , Timothy G.	Ankeny	IA	US	

US-CL-CURRENT: 800/284

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw Desc	Ima
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### ☐ 2. Document ID: US 20040248159 A1

L6: Entry 2 of 27

File: PGPB

Dec 9, 2004

PGPUB-DOCUMENT-NUMBER: 20040248159

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040248159 A1

TITLE: Plant farnesyltransferases

PUBLICATION-DATE: December 9, 2004

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cahoon, Rebecca E.	Webster Groves	MO	US	
<u>Helentjaris</u> , Timothy George	Ankeny	IA	US	
Miao, Guo-Hua	Johnston	IA	US	

US-CL-CURRENT: 435/6; 435/193, 435/320.1, 435/419, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw Desc	Ima
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### ☐ 3. Document ID: US 20040237147 A1

L6: Entry 3 of 27

File: PGPB

Nov 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040237147  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040237147 A1

TITLE: Modulation of cytokinin activity in plants

PUBLICATION-DATE: November 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Habben, Jeffrey E.	Urbandale	IA	US	
Zinselmeier, Chris	Grimes	IA	US	
Tomes, Dwight T.	Van Meter	IA	US	
Abbitt, Shane E.	Ankeny	IA	US	
<u>Helentjaris</u> , Timothy G.	Ankeny	IA	US	
Niu, Xiaomu	Johnston	IA	US	

US-CL-CURRENT: 800/294

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Ima
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☐ 4. Document ID: US 20040210960 A1

L6: Entry 4 of 27

File: PGPB

Oct 21, 2004

PGPUB-DOCUMENT-NUMBER: 20040210960  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040210960 A1

TITLE: Promoter localized in the embryo surrounding region

PUBLICATION-DATE: October 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bate, Nicholas J.	Urbandale	IA	US	
Arne Olsen, Odd	Johnston	IA	US	
<u>Helentjaris</u> , Timothy G.	Ankeny	IA	US	

US-CL-CURRENT: 800/278; 435/412, 435/468, 536/23.6, 800/320, 800/320.1, 800/320.2, 800/320.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Ima
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☐ 5. Document ID: US 20040148654 A1

L6: Entry 5 of 27

File: PGPB

Jul 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040148654  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040148654 A1

TITLE: Modulation of abscisic acid

PUBLICATION-DATE: July 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Helentjaris</u> , Tim	Ankeny	IA	US	

US-CL-CURRENT: 800/287; 435/468, 536/23.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 6. Document ID: US 20040068767 A1

L6: Entry 6 of 27

File: PGPB

Apr 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040068767

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040068767 A1

TITLE: Maize cellulose synthases and uses thereof

PUBLICATION-DATE: April 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dhugga, Kanwarpal S.	Johnston	IA	US	
Wang, Haiyin	Johnston	IA	US	
Tomes, Dwight T.	Van Meter	IA	US	
<u>Helentjaris</u> , Timothy G.	Ankeny	IA	US	

US-CL-CURRENT: 800/284; 435/209, 435/419, 435/6, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 7. Document ID: US 20030221224 A1

L6: Entry 7 of 27

File: PGPB

Nov 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030221224

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030221224 A1

TITLE: Enhanced silk exsertion under stress

PUBLICATION-DATE: November 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zinselmeier, Christopher	Grimes	IA	US	
<u>Helentjaris</u> , Timothy G.	Ankeny	IA	US	

US-CL-CURRENT: 800/289; 435/412, 800/320.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 8. Document ID: US 20030217393 A1

L6: Entry 8 of 27

File: PGPB

Nov 20, 2003



PGPUB-DOCUMENT-NUMBER: 20030217393  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030217393 A1

TITLE: Development of a stress-responsive promoter from maize

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Helentjaris</u> , Timothy G.	Ankeny	IA	US	
Bass, Hank W.	Tallahassee	FL	US	
Boston, Rebecca S.	Raleigh	NC	US	

US-CL-CURRENT: 800/289; 435/468, 536/23.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Ima
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☐ 9. Document ID: US 20030167528 A1

L6: Entry 9 of 27

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030167528  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030167528 A1

TITLE: Maize cellulose synthases and uses thereof

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dhugga, Kanwarpal S.	Johnston	IA	US	
<u>Helentjaris</u> , Timothy G.	Ankeny	IA	US	
Bowen, Benjamin A.	Berkeley	CA	US	
Wang, Xun	San Diego	CA	US	

US-CL-CURRENT: 800/284; 435/320.1, 435/419, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Ima
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☐ 10. Document ID: US 20030163839 A1

L6: Entry 10 of 27

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030163839  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030163839 A1

TITLE: Genes encoding enzymes for lignin biosynthesis and uses thereof

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Helentjaris</u> , Timothy G.	Ankeny	IA	US	

Bowen, Benjamin A.

Berkeley

CA

US

Wang, Xun

San Diego

CA

US

US-CL-CURRENT: 800/278; 435/320.1, 435/419, 435/6, 536/23.2, 800/320.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	WMC	Draw Desc	Ima
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Terms	Documents
L5 and L1	27

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[Previous Page](#)

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[Go to Doc#](#)

# Hit List

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 11 through 20 of 27 returned.

☐ 11. Document ID: US 20030163838 A1

L6: Entry 11 of 27

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030163838

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030163838 A1

TITLE: Maize cellulose synthases and uses thereof

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dhugga, Kanwarpal S.	Johnston	IA	US	
Wang, Haiyin	Johnston	IA	US	
Tomes, Dwight T.	Van Meter	IA	US	
Helentjaris, Timothy G.	Ankeny	IA	US	

US-CL-CURRENT: [800/278](#); [435/320.1](#), [435/419](#), [536/23.6](#), [800/320.1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 12. Document ID: US 20030150014 A1

L6: Entry 12 of 27

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030150014

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030150014 A1

TITLE: Maize cellulose synthases and uses thereof

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dhugga, Kanwarpal S.	Johnston	IA	US	
Helentjaris, Timothy G.	Ankeny	IA	US	

US-CL-CURRENT: [800/278](#); [435/320.1](#), [435/419](#), [800/286](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 13. Document ID: US 20030140381 A1

L6: Entry 13 of 27

File: PGPB

Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030140381

PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030140381 A1

TITLE: Genes and regulatory DNA sequences associated with stress-related gene expression in plants and methods of using the same

PUBLICATION-DATE: July 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bate, Nicholas J.	Urbandale	IA	US	
<u>Helentjaris</u> , Timothy G.	Ankeny	IA	US	
Niu, Xiping	Johnston	IA	US	

US-CL-CURRENT: 800/289; 435/183, 435/320.1, 435/419, 435/468, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 14. Document ID: US 20030126638 A1

L6: Entry 14 of 27

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030126638  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030126638 A1

TITLE: Alteration of oil traits in plants

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Allen, William B.	Urbandale	IA	US	
Cahoon, Rebecca E.	Webster Groves	MO	US	
Famodu, Omolayo O.	Newark	DE	US	
Harvell, Leslie T.	Newark	DE	US	
<u>Helentjaris</u> , Timothy G.	Ankeny	IA	US	
Li, Changjiang	Urbandale	IA	US	
Lowe, Keith S.	Johnston	IA	US	
Oliveira, Igor Cunha	Urbandale	IA	US	
Shen, Bo	Johnston	IA	US	
Tarczynski, Mitchell C.	West Des Moines	IA	US	

US-CL-CURRENT: 800/281; 435/193, 435/419, 435/6, 435/69.1, 536/23.2, 554/9, 800/306, 800/312, 800/320.1, 800/320.2, 800/320.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 15. Document ID: US 20030084475 A1

L6: Entry 15 of 27

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030084475  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030084475 A1

TITLE: Nucleic acid fragments and proteins affecting storage organelle formation and methods of use

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cahoon, Edgar B.	Johnston	IA	US	
Coughlan, Sean J.	Johnston	IA	US	
<u>Helentjaris</u> , Timothy George	Wilmington	DE	US	
Jung, Rudolf	Johnston	IA	US	
Li, Chun Ping			US	
Nichols, Scott E.			US	
Ripp, Kevin G.			US	
Zheng, Peizhong			US	

US-CL-CURRENT: 800/278; 435/219, 435/317.1, 435/320.1, 435/419, 435/69.1, 504/116.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 16. Document ID: US 20030005482 A1

L6: Entry 16 of 27

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030005482

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030005482 A1

TITLE: Manipulation of sucrose synthase genes to improve stalk and grain quality

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dhugga, Kanwarpal S.	Johnston	IA	US	
<u>Helentjaris</u> , Timothy G.	Ankeny	IA	US	
Niu, Xiaomu	Johnston	IA	US	

US-CL-CURRENT: 800/278; 435/200, 435/320.1, 435/419, 536/23.2, 800/284, 800/320

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Ima
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☐ 17. Document ID: US 20020199217 A1

L6: Entry 17 of 27

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020199217

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020199217 A1

TITLE: Plant sugar transport proteins

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Helentjaris, Timothy G.	Ankeny	IA	US	

US-CL-CURRENT: 800/284; 435/320.1, 435/419, 530/370, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Ima
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☐ 18. Document ID: US 20020120125 A1

L6: Entry 18 of 27

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120125  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020120125 A1

TITLE: Polycomb genes from maize - Mez1 and Mez2

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kaeppler, Shawn M.	Oregon	WI	US	
Springer, Nathan M.	Northfield	MN	US	
Helentjaris, Timothy G.	Ankeny	IA	US	
Phillips, Ronald L.	Shoreview	MN	US	

US-CL-CURRENT: 536/23.6; 435/419, 530/376, 800/278, 800/320.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Ima
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☐ 19. Document ID: US 20020098534 A1

L6: Entry 19 of 27

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098534  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020098534 A1

TITLE: USE OF SELECTIVE DNA FRAGMENT AMPLIFICATION PRODUCTS FOR HYBRIDIZATION-BASED GENETIC FINGERPRINTING, MARKER ASSISTED SELECTION, AND HIGH-THROUGHPUT SCREENING

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
MCCASKEY-FEAZEL, RHONDA	MT. MORRIS	IL	US	
HELENTJARIS, TIMOTHY	ANKENY	IA	US	
MALMBERG, SHARON	DEKALB	IL	US	
MARTIN, BARRY	SYCAMORE	IL	US	

US-CL-CURRENT: 435/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Ima
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PGPUB-DOCUMENT-NUMBER: 20010044941

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010044941 A1

TITLE: Novel invertase inhibitors and methods of use

PUBLICATION-DATE: November 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Helentjaris, Timothy G.	Ankeny	IA	US	
Bate, Nicholas J.	Urbandale	IA	US	
Allen, Stephen M.	Wilmington	DE	US	

US-CL-CURRENT: 800/290; 536/23.6, 536/23.72, 800/278, 800/284, 800/288, 800/298

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Ima
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Terms	Documents
L5 and L1	27

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[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

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## Search Results - Record(s) 21 through 27 of 27 returned.

### ☐ 21. Document ID: US 20010034059 A1

L6: Entry 21 of 27

File: PGPB

Oct 25, 2001

PGPUB-DOCUMENT-NUMBER: 20010034059

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010034059 A1

TITLE: Homologs of SCF ubiquitin-ligase complex component GRR1

PUBLICATION-DATE: October 25, 2001

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Allen, Stephen M.	Wilmington	DE	US	
Helentjaris, Timothy G.	Ankeny	IA	US	

US-CL-CURRENT: [435/325](#); [435/212](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Ima
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### ☐ 22. Document ID: US 6803498 B2

L6: Entry 22 of 27

File: USPT

Oct 12, 2004

US-PAT-NO: 6803498

DOCUMENT-IDENTIFIER: US 6803498 B2

TITLE: Maize cellulose synthases and uses thereof

DATE-ISSUED: October 12, 2004

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dhugga; Kanwarpal S.	Johnston	IA		
Helentjaris; Timothy G.	Ankeny	IA		
Bowen; Benjamin A.	Berkeley	CA		
Wang; Xun	San Diego	CA		

US-CL-CURRENT: [800/278](#); [435/320.1](#), [435/419](#), [435/468](#), [536/23.6](#), [800/287](#), [800/290](#), [800/295](#), [800/298](#), [800/320](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Ima
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### ☐ 23. Document ID: US 6787683 B1

L6: Entry 23 of 27

File: USPT

Sep 7, 2004

US-PAT-NO: 6787683



**\*\* See image for Certificate of Correction \*\***

TITLE: Phytyl/prenyltransferase nucleic acids, polypeptides and uses thereof

DATE-ISSUED: September 7, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Penna; Dean Della	Williamston	MI		
Collakova; Eva	Lansing	MI		
Coughlan; Sean J.	Hockessin	DE		
<u>Helentjaris</u> ; Timothy G.	Ankeny	IA		

US-CL-CURRENT: 800/281; 435/468, 800/278

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Ima
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☐ 24. Document ID: US 6713666 B2

L6: Entry 24 of 27

File: USPT

Mar 30, 2004

US-PAT-NO: 6713666

DOCUMENT-IDENTIFIER: US 6713666 B2

**\*\* See image for Certificate of Correction \*\***

TITLE: Invertase inhibitors and methods of use

DATE-ISSUED: March 30, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Helentjaris</u> ; Timothy G.	Ankeny	IA		
Bate; Nicholas J.	Urbandale	IA		
Allen; Stephen M.	Wilmington	DE		

US-CL-CURRENT: 800/320.1; 435/320.1, 435/419, 536/23.2, 536/24.5, 800/278, 800/298

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Ima
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☐ 25. Document ID: US 6677502 B1

L6: Entry 25 of 27

File: USPT

Jan 13, 2004

US-PAT-NO: 6677502

DOCUMENT-IDENTIFIER: US 6677502 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Plant metabolism genes

DATE-ISSUED: January 13, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Allen; Stephen M.	Wilmington	DE		
Kinney; Anthony J.	Wilimington	DE		

Rafalski; J. Antoni	Wilmington	DE
Orozco, Jr.; Emil M.	West Grove	PA
Miao; Guo-Hua	Johnston	IA
Famodu; Omolayo O.	Newark	DE
Lee; Jian-Ming	West Caldwell	NJ
Lohman; Karin N.	Newark	DE
Rendina; Alan R.	Wilmington	DE
Sakai; Hajime	Wilmington	DE
Weng; Zude	Des Plaines	IL
Caimi; Perry G.	Kennet Square	PA
Fang; Yiwen	Los Angeles	CA
Shen; Jennie Bih-Jien	Wilmington	DE
Zoughi; Ilham L.	Wilmington	DE
Anderson; Shawn L.	West Grove	PA
Shi; Jinrui	Johnston	IA
Lu; Guihua	Urbandale	IA
Helentjaris; Timothy G.	Ankeny	IA
Li; Chun Ping	Johnston	IA

US-CL-CURRENT: 800/278; 435/183, 435/252.3, 435/320.1, 435/410, 435/419, 435/6, 435/69.1, 530/350, 530/370, 536/23.2, 536/23.6, 536/24.1, 800/295

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Ima
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☐ 26. Document ID: US 6472185 B2

L6: Entry 26 of 27

File: USPT

Oct 29, 2002

US-PAT-NO: 6472185

DOCUMENT-IDENTIFIER: US 6472185 B2

**\*\* See image for Certificate of Correction \*\***

TITLE: Use of selective DNA fragment amplification products for hybridization-based genetic fingerprinting, marker assisted selection, and high-throughput screening

DATE-ISSUED: October 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McCasky Feazel; Rhonda J.	Mt. Morris	IL		
Helentjaris; Timothy G.	Ankeny	IA		
Malmberg; Sharon E.	Dekalb	IL		
Martin; Barry A.	Sycamore	IL		

US-CL-CURRENT: 435/91.2; 435/6, 435/91.1, 536/22.1, 536/23.1, 536/24.2, 536/24.3, 536/24.31, 536/24.33

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Ima
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☐ 27. Document ID: US 6100030 A

L6: Entry 27 of 27

File: USPT

Aug 8, 2000

US-PAT-NO: 6100030

DOCUMENT-IDENTIFIER: US 6100030 A

TITLE: Use of selective DNA fragment amplification products for hybridization-based genetic fingerprinting, marker assisted selection, and high-throughput screening

DATE-ISSUED: August 8, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McCasky Feazel; Rhonda J.	Mt. Morris	IL		
<u>Helentjaris</u> ; Timothy G.	Ankeny	IA		
Malmberg; Sharon E.	Dekalb	IL		
Martin; Barry A.	Sycamore	IL		

US-CL-CURRENT: 435/6; 435/91.2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Ima
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L5 and L1	27

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[Previous Page](#)    [Next Page](#)    [Go to Doc#](#)